

TO/50/T0
J961 U.S. PTO

01-08-01

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. I-2-149.1US

First Inventor Ariela Zeira

Title CHANNEL ESTIMATION FOR TIME DIVISION DUPLEX
COMMUNICATION SYSTEMS

Express Mail Label No. ET034069183

C915
01/05/01A
5400
01/05/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 16]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 2]
UNSIGNED
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information

Examiner _____

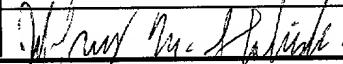
Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 24374 <i>(Insert Customer No. or Attach bar code label here)</i> | or <input type="checkbox"/> Correspondence address below |
|---|---|--|

| | | | |
|---------|------------------------------------|-----------|----------|
| Name | Volpe and Koenig, P.C. DEPT ICC | | |
| Address | | | |
| City | | State | Zip Code |
| Country | | Telephone | Fax |

| | | | |
|-------------------|---|-----------------------------------|--------------|
| Name (Print/Type) | Jeffrey M. Glabicki, Esquire | Registration No. (Attorney/Agent) | 42,584 |
| Signature |  | | Date 1/15/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

01/05/01
U.S. PTO

Volpe and Koenig, P.C. Revision of

PTO/SB/17 (11-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 710)

Complete if Known

| | |
|----------------------|---------------|
| Application Number | Not Yet Known |
| Filing Date | Not Yet Known |
| First Named Inventor | Ariela Zeira |
| Examiner Name | Not Yet Known |
| Group Art Unit | Not Yet Known |
| Attorney Docket No. | I-2-149.1US |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **09-0435**
 Deposit Account Name **InterDigital Comm. Corp.**

Charge Any Deficiency or Credit any Overpayment in the Total Fees Associated with this Communication

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|----------|------------------------|----------|
| | | 101 | 710 | Utility filing fee | \$710 |
| | | 106 | 320 | Design filing fee | |
| | | 107 | 490 | Plant filing fee | |
| | | 108 | 710 | Reissue filing fee | |
| | | 114 | 150 | Provisional filing fee | |

SUBTOTAL (1) (\$ 710)

2. EXTRA CLAIM FEES

| Total Claims | - | Independent Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|---|--------------------|--------------|----------------|----------|
| 20 | - | 3 | **0 | X \$18 | =\$0 |
| 3 | - | 3 | **0 | X \$80 | =\$0 |
| Multiple Dependent | | | | | = |

| Large Entity | Small Entity | Fee Code (\$) | Fee (\$) | Fee Description |
|--------------|--------------|---------------|----------|--|
| | | 103 | 18 | Claims in excess of 20 |
| | | 102 | 80 | Independent claims in excess of 3 |
| | | 104 | 270 | Multiple dependent claim, if not paid |
| | | 109 | 80 | ** Reissue independent claims over original patent |
| | | 110 | 18 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------------------|----------|----------|----------|--|----------|
| | | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| | | 139 | 130 | 139 | 130 | Non-English specification | |
| | | 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| | | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| | | 116 | 390 | 216 | 195 | Extension for reply within second month | |
| | | 117 | 890 | 217 | 445 | Extension for reply within third month | |
| | | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| | | 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| | | 119 | 310 | 219 | 155 | Notice of Appeal | |
| | | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| | | 121 | 270 | 221 | 135 | Request for oral hearing | |
| | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| | | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| | | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| | | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| | | 143 | 440 | 243 | 220 | Design issue fee | |
| | | 144 | 600 | 244 | 300 | Plant issue fee | |
| | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| | | 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| | | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| | | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| | | Other fee (specify) _____ | | | | | |

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)**

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|------------------------------|-----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Jeffrey M. Glabicki, Esquire | Registration No. (Attorney/Agent) | 42,584 | Telephone | 215-568-6400 |
| Signature | <i>Jeffrey M. Glabicki</i> | Date | January 5, 2001 | | |

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